

NIEM Conformance Assertion

Assertion: This NIEM IEPD is certified to conform to the following NIEM specifications:

- Conformance v3.0, URI = <http://reference.niem.gov/niem/conformance/3.0/>
- Naming and Design Rules v3.0, URI = <http://reference.niem.gov/niem/specification/naming-and-design-rules/3.0/>
- Model Package Description v3.0, URI = <http://reference.niem.gov/niem/specification/model-package-description/3.0/>

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Certified by: John Doe

Certification Date: 1 May 2014

Details of conformance verification

1. How NIEM conformance was verified:
 - a. Automatic (tool) checks were performed with NIEM-aware and XML Schema tools identified below.
 - b. Manual (subjective) checks on conformance rules were performed by the author/certifier.
 - c. A general manual (subjective) cross-check for adherence to conformance rules and quality assurance was performed by several of the author's colleagues who understand NIEM and XML Schema.
 - d. Business requirements associated with the information exchange defined by this IEPD were verified by two subject matter experts who are colleagues of the author.
2. Tools employed:
 - a. NIEM Schema Subset Generator (SSGT) (for NIEM 3.0) generated all subset schema documents.
 - b. XMLSpy Professional 2014r2 SP1 was used for initial editing and validation of extension schema documents, constraint schema documents, and all other XML artifacts. This tool also validated a number of NIEM NDR rules.
 - c. oXygen XML Editor v15.2 was used to cross-validate XML schemas and XML instances.
 - d. Xerces 2.7.0-0 was used for cross-validation of XML schemas and XML instances.
 - e. NIEM ConTesA (Conformance Testing Assistant) was used for NIEM NDR and MPD validation.
3. Results:
 - a. No known major issues remain.
 - b. All XML artifacts are well-formed and valid.
 - c. Attached conformance report from NIEM ConTesA indicates 100% pass for all automatically checked NIEM rules.
 - d. Author and SMEs verified that several warnings by tools are not relevant to this IEPD.